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## DIALOG

Set	Items	Description
S1	23519	(CYTOPLASM OR CYTOPLASMIC) AND TRANSFER
S2	0	S1 AND (DE-DIFFERNTIATE OR DE-DIFFERENTIATED OR DE-DIFFERE- NTIATION)
S3	0	S1 AND (DE-DIFFERENTIATE OR DE-DIFFERENTIATED OR DE-DIFFER- ENTIATION)
S4	3884	(CYTOPLASM OR CYTOPLASMIC) (N5) TRANSFER
S5	182	S4 AND (DIFFERENTIATE OR DIFFERENTIATED OR DIFFERENTIATION)
S6	181	S5 NOT PY>2001
S7	112	RD S6 (unique items)
S8	5	S7 AND (SOMATIC(W) CELLS)
S9	0	S7 AND (REPREGRAMMING OR REPROGRAM OR REPROGRAMMED)
S10	3	S7 AND (REPREGRAMMING OR REPROGRAM OR REPROGRAMMED)
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t s8/medium/1-5  
>>>"MEDIUM" is not a valid format name in file(s): 41

8/3/1 (Item 1 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2002 Inst for Sci Info. All rts. reserv.  
04889120 Genuine Article#: UP653 No. References: 19  
Title: IMMUNOLOCAIZATION OF CYTOSKELETAL PROTEINS IN THE PREVITELLOGENIC  
OVARIAN FOLLICLE OF THE LIZARD PODARCIS-SICULA  
Author(s): MAURIZII MG; TADDEI C  
Corporate Source: UNIV BOLOGNA,DIPARTIMENTO BIOL EXOLUZ SPERIMENTALE,VIA  
SELMI 3/I-40126 BOLOGNA//ITALY//; UNIV BOLOGNA,DIPARTIMENTO BIOL EXOLUZ  
SPERIMENTALE/I-40126 BOLOGNA//ITALY/  
Journal: CELL AND TISSUE RESEARCH, 1996, V284, N3 (JUN), P489-493  
ISSN: 0302-766X  
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

8/3/2 (Item 1 from file: 98)  
DIALOG(R)File 98:General Sci Abs/Full-Text  
(c) 2002 The HW Wilson Co. All rts. reserv.  
04751952 H.W. WILSON RECORD NUMBER: BGSA02001952 (USE FORMAT 7 FOR  
FULLTEXT)  
Translational regulation and RNA localization in Drosophila oocytes and  
embryos.  
Johnstone, Oona  
Lasko, Paul  
Annual Review of Genetics v. 35 (2001) p. 365-406  
SPECIAL FEATURES: bibl il ISSN: 0066-4197  
LANGUAGE: English  
COUNTRY OF PUBLICATION: United States  
WORD COUNT: 21500

8/3/3 (Item 2 from file: 98)  
DIALOG(R)File 98:General Sci Abs/Full-Text  
(c) 2002 The HW Wilson Co. All rts. reserv.  
03253294 H.W. WILSON RECORD NUMBER: BGSI96003294 (USE FORMAT 7 FOR  
FULLTEXT)  
Molecular genetic aspects of human mitochondrial disorders.  
Larsson, Nils-Goran  
Clayton, David A  
Annual Review of Genetics (Annu Rev Genet) v. 29 ('95) p. 151-78  
SPECIAL FEATURES: bibl il ISSN: 0066-4197  
LANGUAGE: English  
COUNTRY OF PUBLICATION: United States  
WORD COUNT: 12787

8/3/4 (Item 1 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
10634641 20160684 PMID: 10694422  
Both nuclear and cytoplasmic components are defective in oocytes of the  
B6.Y(TIR) sex-reversed mouse.  
Amleh A; Smith L; Chen H; Taketo T  
Urology Research Laboratory, Department of Surgery, McGill University,  
Montreal, Quebec, H3A 1A1, Canada.  
Developmental biology (UNITED STATES) Mar 15 2000, 219 (2) p277-86,  
ISSN 0012-1606 Journal Code: 0372762  
Document type: Journal Article

Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

8/3/5 (Item 2 from file: 155)  
DIALOG(R) File 155:MEDLINE(R)

10070053 99069630 PMID: 9851933

Eight calves cloned from **somatic cells** of a single adult.

Kato Y; Tani T; Sotomaru Y; Kurokawa K; Kato J; Doguchi H; Yasue H;  
Tsunoda Y

Laboratory of Animal Reproduction, College of Agriculture and Research  
Institute for Animal Developmental Biotechnology, Kinki University,  
3327-204, Nakamachi, Nara, 631-8505, Japan.

Science (UNITED STATES) Dec 11 1998, 282 (5396) p2095-8, ISSN  
0036-8075 Journal Code: 0404511

Comment in Science. 1998 Dec 11;282(5396) 1975-6; Comment in PMID 9874644

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

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5/K/1 (Item 1 from file: 5)  
DIALOG(R)File 5:(c) 2002 BIOSIS. All rts. reserv.

...ABSTRACT: the inner cell mass and culture on embryonic fibroblast cell lines. These cells will spontaneously **differentiate** into all the primary embryonic lineages in vitro and in vivo, but they are unable...

...ongoing immune suppression. Although it is possible to customize ES cells by therapeutic cloning or **cytoplasmic transfer**, it would appear unlikely that these strategies will be used extensively for producing ES cells...

MISCELLANEOUS TERMS: cell **differentiation**;

5/K/2 (Item 2 from file: 5)  
DIALOG(R)File 5:(c) 2002 BIOSIS. All rts. reserv.

...ABSTRACT: embryos, the timing seemed to coincide with the time that starts when cell fusion for **cytoplasmic transfer** was done. Therefore, the clock that determines the timing of the initiation of ALP expression...

MISCELLANEOUS TERMS: ...**cytoplasmic transfer**; ...

...endoderm **differentiation**;

5/K/3 (Item 3 from file: 5)  
DIALOG(R)File 5:(c) 2002 BIOSIS. All rts. reserv.

ABSTRACT: Nuclei of **differentiated** cells can acquire totipotency following **transfer** into the **cytoplasm** of oocytes. While the molecular basis of this nuclear reprogramming remains unknown, the developmental potential...

DESCRIPTORS:

...ORGANISMS: PARTS ETC: **differentiated**, totipotency

5/K/4 (Item 4 from file: 5)  
DIALOG(R)File 5:(c) 2002 BIOSIS. All rts. reserv.

Nucleus **transfer** in mammals: How the oocyte **cytoplasm** modifies the transferred nucleus.

...ABSTRACT: oocytes. Thus far, oocytes are the only cells that can convert nuclei, which are already **differentiated**, into undifferentiated stages resembling pronuclei in freshly fertilized zygotes and that can then complete development...

MISCELLANEOUS TERMS: ...oocyte **cytoplasm**-modified nucleus  
**transfer**

5/K/5 (Item 5 from file: 5)  
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...ABSTRACT: between cells in various tissues is considered an important mechanism for control of cellular growth, **differentiation** and function. Although cell-cell coupling in the gill epithelium is likely for functional reasons...

...were coupled to at least one other cell. To exclude the possibility that intercellular dye **transfer** occurred through **cytoplasmic** bridges instead of gap junctions, we also microinjected FITC-dextran, which because of its molecular...

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t s10/medium/1-3  
>>>"MEDIUM" is not a valid format name in file(s): 41

10/3/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13050894 BIOSIS NO.: 200100258043  
Factors controlling the loss of immunoreactive somatic histone H1 from  
blastomere nuclei in oocyte cytoplasm: A potential marker of nuclear  
**reprogramming**,  
AUTHOR: Bordignon Vilceu(a); Clarke Hugh J; Smith Lawrence C(a)  
AUTHOR ADDRESS: (a)Centre de Recherche en Reproduction Animale (CRRA),  
Faculte de Medecine Veterinaire, Universite de Montreal, Saint-Hyacinthe,  
PQ, J2S 7C6\*\*Canada  
JOURNAL: Developmental Biology 233 (1):p192-203 May 1, 2001  
MEDIUM: print  
ISSN: 0012-1606  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

10/3/2 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13047325 BIOSIS NO.: 200100254474  
Nucleus **transfer** in mammals: How the oocyte **cytoplasm** modifies  
the transferred nucleus.  
AUTHOR: Fulka J Jr(a); Loi P; Ledda S; Moor R M; Fulka J  
AUTHOR ADDRESS: (a)Institute of Animal Production, CZ-104 01, Prague 10:  
Fulka@vuzv.cz\*\*Czech Republic  
JOURNAL: Theriogenology 55 (6):p1373-1380 April 1, 2001  
MEDIUM: print  
ISSN: 0093-691X  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

10/3/3 (Item 1 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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134067169 CA: 134(6)67169r PATENT  
Cytoplasmic transfer to de-differentiate recipient cells  
INVENTOR(AUTHOR): Chapman, Karen B.  
LOCATION: USA  
ASSIGNEE: Advanced Cell Technology, Inc.  
PATENT: PCT International ; WO 200100650 A1 DATE: 20010104  
APPLICATION: WO 2000US18063 (20000630) \*US PV141250 (19990630)  
PAGES: 33 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C07H-021/04A;  
C12N-005/00B; C12N-005/06B; C12N-005/10B; C12N-005/12B; C12N-005/16B;  
C12N-005/22B; C12N-005/26B; C12N-005/28B; C12N-015/02B; C12N-015/07B;  
C12N-015/08B; C12N-015/09B; C12N-015/11B; C12N-015/12B; C12N-015/16B;  
C12N-015/18B; C12N-015/19B; C12N-015/52B DESIGNATED COUNTRIES: AE; AG; AL;  
AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CR; CU; CZ; DE; DK; DM;  
DZ; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP;  
KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ;  
PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ;  
VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH

; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES;  
FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN;  
GW; ML; MR; NE; SN; TD; TG  
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10/K/1 (Item 1 from file: 5)  
DIALOG(R)File 5:(c) 2002 BIOSIS. All rts. reserv.

...immunoreactive somatic histone H1 from blastomere nuclei in oocyte cytoplasm: A potential marker of nuclear **reprogramming**.

ABSTRACT: Nuclei of **differentiated** cells can acquire totipotency following **transfer** into the **cytoplasm** of oocytes. While the molecular basis of this nuclear **reprogramming** remains unknown, the developmental potential of nuclear-transfer embryos is influenced by the cell-cycle...

...development of the reconstructed embryo, suggesting that it may act as a marker of nuclear **reprogramming**, we investigated the link between cell-cycle state and depletion of immunoreactive H1 following nuclear...

DESCRIPTORS:

...ORGANISMS: PARTS ETC: **differentiated**, totipotency

MISCELLANEOUS TERMS: ...nuclear **reprogramming**;

10/K/2 (Item 2 from file: 5)  
DIALOG(R)File 5:(c) 2002 BIOSIS. All rts. reserv.

Nucleus **transfer** in mammals: How the oocyte **cytoplasm** modifies the transferred nucleus.

ABSTRACT: Successful development of clones depends on the **reprogramming** of transferred nuclei in enucleated oocytes. Thus far, oocytes are the only cells that can convert nuclei, which are already **differentiated**, into undifferentiated stages resembling pronuclei in freshly fertilized zygotes and that can then complete development...

...embryos. However, we still don't know exactly how the enucleated oocyte (cytoplasm) secures this **reprogramming**. Oocytes exhibit a number of cytoplasmic activities that may be involved **reprogramming**. We discuss how these activities may be involved in **reprogramming** of transferred nuclei.

MISCELLANEOUS TERMS: ...oocyte **cytoplasm**-modified nucleus  
**transfer**

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